



PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of )  
Erik Odén, et al. ) Group:  
Serial No.: 10/559,640 )  
Filed: December 2, 2005 ) Examiner:  
Title: METHOD AND APPARATUS FOR MEASURING )  
A DEPTH OF HOLES IN COMPOSITE-MATERIAL )  
WORKPIECES BEING MACHINED BY AN )  
ORBITING CUTTING TOOL )

INFORMATION DISCLOSURE STATEMENT

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant wishes to bring to the attention of the Examiner the documents identified on the attached form PTO-1449. Applicant respectfully requests that these documents be made of record in the present application.

A copy of each non-US Patent document cited in the attached PTO-1449 form is enclosed.

A concise statement of any non-English document having an English abstract is contained in such abstract, which is incorporated herein by reference.

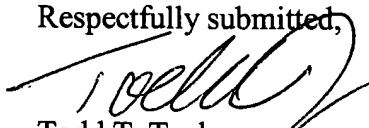
Sweden Patent SE A 9003587-4 discloses that the invention is a procedure, when boring/milling a hole in a workpiece resting on a base, to facilitate calibrating the boring/milling machine (1) used to create the hole to the intended penetration depth and at the same time make it possible to detect tool breakages. Unique to the procedure, according to the invention, is that an electrically conducting part of the workpiece, or of the base contact surface with the workpiece, is arranged as part of an open electrical circuit (6) with a power source (7) and an electrical signaling device (8). The boring/milling machine will, during the ongoing operation to create the hole, be included as part of the electrical circuit (6) to complete the same while also sending an electrical control signal from the signaling device (8) to a control unit for the boring/milling machine (1). The control unit uses the control signal as a reference point to set boring/milling penetration depth and/or detect tool breakages that have occurred or holes that were created improperly.

This information is being submitted within three months after the filing date of the present application, or before the mailing date of a first Office Action on the merits.

ERI0018.US

In the event Applicants have overlooked the need for a payment of fee, or additional payment of fee, or have overpaid a fee, Applicants hereby conditionally petition therefor and authorize that any charges or credits be made to Deposit Account No. 20-0095, TAYLOR & AUST, P.C.

Respectfully submitted,



Todd T. Taylor  
Registration No. 36,945

Attorney for Applicant

TTT/lp

TAYLOR & AUST, P.C.  
142 S. Main St.  
P.O. Box 560  
Avilla, IN 46710  
Telephone: 260-897-3400  
Facsimile: 260-897-9300

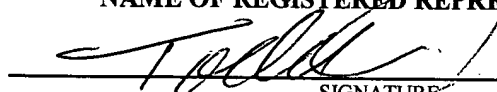
Encs.: Form PTO-1449  
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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on: January 31, 2006.

Todd T. Taylor, Reg. No. 36,945

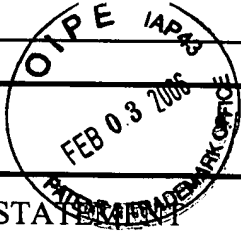
NAME OF REGISTERED REPRESENTATIVE



SIGNATURE

January 31, 2006

DATE


 ATTORNEY DOCKET NO.:  
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 SERIAL NO:  
10/559,640

## INFORMATION DISCLOSURE STATEMENT

 APPLICANT:  
Erik Odén, et al.

 FILING DATE:  
January 31, 2006

GROUP:

## U.S PATENT DOCUMENTS

Examiner Initial *		Document No.	Date	Name	Class	Subclass	Filing Date
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

							Translation	
		Document No.	Date	Country	Class	Subclass	Yes	No
	AL	SE A 9003587-4	11/1990	Sweden	SES	KD		X
	AM							
	AN							
	AO							
	AP							

## OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)


EXAMINER:

DATE CONSIDERED:

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.